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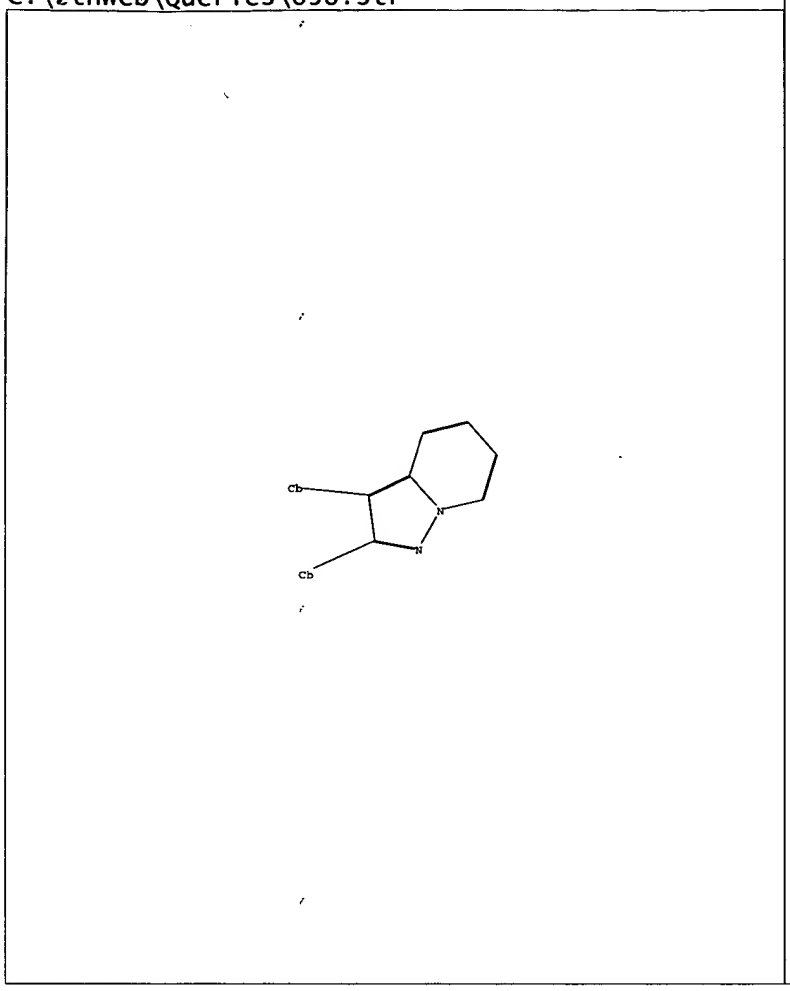

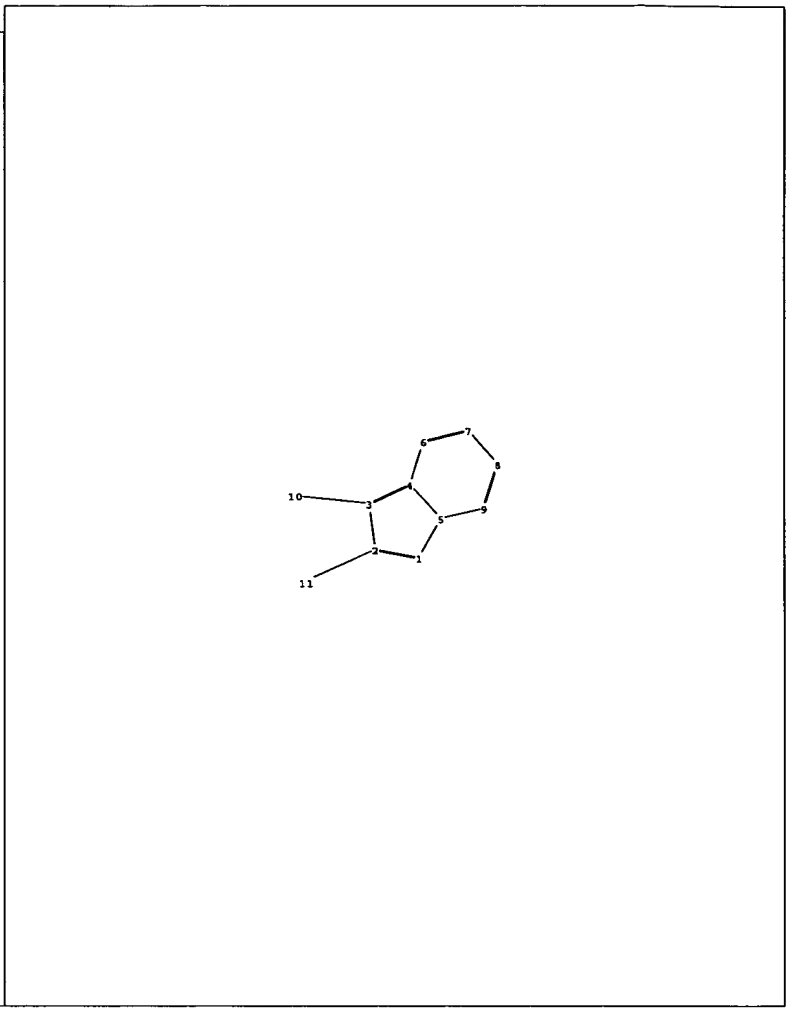


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chain bonds :
    2-11  3-10
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exact/norm bonds :
    1-2  1-5  4-5  4-6  5-9  6-7  7-8  8-9
exact bonds :
    2-3  2-11  3-4  3-10
isolated ring systems :
    containing 1 :


Match level :
    1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:Atom  11:Atom
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* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Feb 24	PCTGEN now available on STN
NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS 25	Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS 26	Jul 21	Identification of STN records implemented
NEWS 27	Jul 21	Polymer class term count added to REGISTRY
NEWS 28	Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available

NEWS EXPRESS	April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

* * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:45:45 ON 22 JUL 2003

=>
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 13:45:54 ON 22 JUL 2003
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 21 JUL 2003 HIGHEST RN 552272-14-7
DICTIONARY FILE UPDATES: 21 JUL 2003 HIGHEST RN 552272-14-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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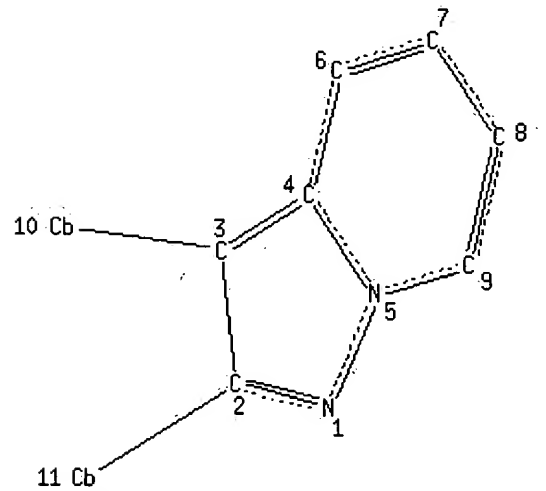

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NUMBER OF NODES IS  11

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SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:        35405 TO    40635
PROJECTED ANSWERS:              71 TO      537

L2             8 SEA SSS SAM L1

=> s l1 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 147.75 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
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100.0% PROCESSED   38061 ITERATIONS                             186 ANSWERS
SEARCH TIME: 00.00.01

L3           186 SEA SSS FUL L1

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COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                               152.55     152.76

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FILE COVERS 1907 - 22 Jul 2003  VOL 139 ISS 4
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FILE LAST UPDATED: 21 Jul 2003 (20030721/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L4 9 L3

=> s l4 and pd < december 1998
18904707 PD < DECEMBER 1998
(PD<19981200)
L5 3 L4 AND PD < DECEMBER 1998

=> s l4 and campbell, i?/au
1545 CAMPBELL, I?/AU
L6 2 L4 AND CAMPBELL, I?/AU

=> d l6, ibib abs fhitstr, 1-2

L6 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2003 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 2000:628138 HCAPLUS
DOCUMENT NUMBER: 133:222726
TITLE: Preparation of pyrazolopyridines as selective inhibitors of COX-2
INVENTOR(S): **Campbell, Ian Baxter**; Lambeth, Paul Francis; Naylor, Alan; Pegg, Neil Anthony
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000052008	A1	20000908	WO 1999-EP10263	19991222
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1157025	A1	20011128	EP 1999-968808	19991222
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002538157	T2	20021112	JP 2000-602234	19991222
US 6498166	B1	20021224	US 2001-890925	20010830

PRIORITY APPLN. INFO.:
GB 1999-4506 A 19990227
GB 1999-20904 A 19990903
WO 1999-EP10263 W 19991222

OTHER SOURCE(S): MARPAT 133:222726
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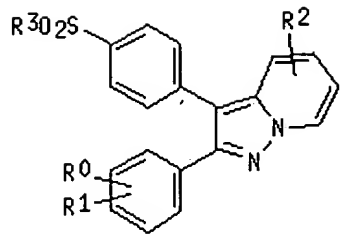


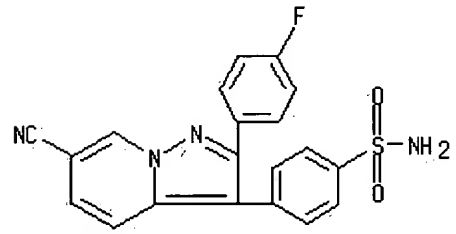
I

AB The title compds. [I; R0, R1 = H, halo, alkyl, etc.; R2 = halo, CN, CONR4R5, etc.; R3 = alkyl, NH2; R4, R5 = H, alkyl, (un)substituted Ph; NR4R5 = satd. 4-8 membered ring] which are potent and selective inhibitors of COX-2 and are of use in the treatment of the pain, fever, inflammation of a variety of conditions and diseases, were prepd. and formulated. E.g., a multi-step synthesis of I [R0 = 4-F; R1 = H; R2 = 6-CN; R3 = NH2] which showed IC50 of 21 nM against COX-2 vs. IC50 of 20,950 nM against COX-1, was given.

IT **291743-84-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of pyrazolopyridines as selective inhibitors of COX-2)

RN 291743-84-5 HCAPLUS

CN Benzenesulfonamide, 4-[6-cyano-2-(4-fluorophenyl)pyrazolo[1,5-a]pyridin-3-yl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2003 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 2000:314697 HCAPLUS
DOCUMENT NUMBER: 132:321858
TITLE: Preparation of pyrazolopyridines as selective COX-2 inhibitors
INVENTOR(S): **Campbell, Ian Baxter**; Naylor, Alan
PATENT ASSIGNEE(S): Glaxo Group Limited, UK
SOURCE: PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000026216	A1	20000511	WO 1999-EP8186	19991101

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,

IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

BR 9915011	A	20010807	BR 1999-15011	19991101
EP 1127058	A1	20010829	EP 1999-955897	19991101
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002528547	T2	20020903	JP 2000-579604	19991101
JP 3420751	B2	20030630		
NO 2001002156	A	20010702	NO 2001-2156	20010502

PRIORITY APPLN. INFO.:

GB 1998-24062	A	19981103
GB 1999-20909	A	19990903
WO 1999-EP8186	W	19991101

OTHER SOURCE(S): MARPAT 132:321858

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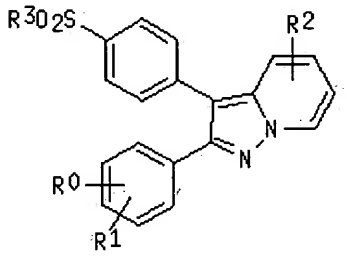


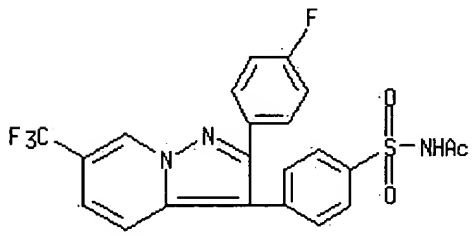
I

AB The title compds. [I; R0, R1 = H, halo, alkyl, etc.; R2 = H, alkyl, alkyl substituted by one or more fluorine atoms, etc.; R3 = alkyl, NH2] which are potent and selective inhibitors of COX-2 and are of use in the treatment of the pain, fever, inflammation of a variety of conditions and diseases, were prepd. and formulated. E.g., a multi-step synthesis of I [R0 = 3-F; R1 = H; R2 = 6-CF3; R3 = NH2] which showed IC50 of 34 nM against COX-2, was given.

IT **267235-24-5P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of pyrazolopyridines as selective COX-2 inhibitors)

RN 267235-24-5 HCAPLUS

CN Acetamide, N-[[4-[2-(4-fluorophenyl)-6-(trifluoromethyl)pyrazolo[1,5-a]pyridin-3-yl]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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     FILE 'REGISTRY' ENTERED AT 13:45:54 ON 22 JUL 2003
L1             STRUCTURE UPLOADED
L2               8 S L1
L3             186 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 13:53:16 ON 22 JUL 2003
L4               9 S L3
L5               3 S L4 AND PD < DECEMBER 1998
L6               2 S L4 AND CAMPBELL, I?/AU

=> s l5 not l6
L7             3 L5 NOT L6

=> d l7, ibib abs fhitstr, 1-3

L7   ANSWER 1 OF 3  HCAPLUS  COPYRIGHT 2003 ACS on STN
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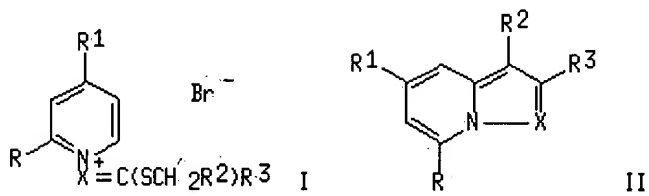
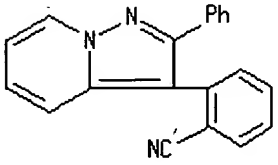
Full Text | Citing References

ACCESSION NUMBER: 1989:95084 HCAPLUS
DOCUMENT NUMBER: 110:95084
TITLE: Preparation of new nitrogen-bridged heterocycles. 18. Facile formations of 3-arylpyrazolo[1,5-a]pyridines and 1-arylindolizines
AUTHOR(S): Kakehi, Akikazu; Ito, Suketaka; Kinoshita, Naosumi; Abaka, Yukio
CORPORATE SOURCE: Fac. Eng., Shinshu Univ., Nagano, 380, Japan
SOURCE: Bulletin of the Chemical Society of Japan (**1988**), 61(6), 2055-61
CODEN: BCSJA8; ISSN: 0009-2673
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 110:95084
GI



AB The base treatment of [(benzylthio)methyleneamino]pyridinium I (X = N; R, R1 = H, Me; R2 = Ph, substituted Ph, R3 = SMe, Ph, OEt, NEt2) and [(benzylthio)vinyl]pyridinium bromides I (X = CR4; R, R1 = H, Me; R2 = Ph, substituted Ph, R3 = SMe, R4 = CO2Et, cyano, COPh), possessing an electron-withdrawing substituent such as a nitro or cyano group in the presence or absence of a dehydrogenating agent afforded 3-arylpyrazolo[1,5-a]-pyridines II (X = N) and 1-arylindolizines II (X = CR4) resp. in moderate to good yields, while the reactions of the parent pyridinium salts and those having an electron-releasing group did not produce any significant products. The mode of the reaction, a ring contraction-desulfurization, is the same as that obsd. in related

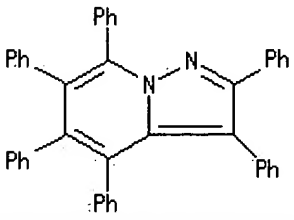
monocyclic species.
IT **119093-32-2P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 119093-32-2 HCAPLUS
CN Benzonitrile, 2-(2-phenylpyrazolo[1,5-a]pyridin-3-yl)- (9CI) (CA INDEX NAME)



L7 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2003 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 1973:71992 HCAPLUS
DOCUMENT NUMBER: 78:71992
TITLE: Reactive intermediates. XXI. Thermal decarboxylation of 2,6-diazatricyclo[5.2.1.02,6]deca-4,8-diene-3,10-diones to pyrazolo[1,5-a]pyridines
AUTHOR(S): Rees, C. W.; Yelland, M.
CORPORATE SOURCE: Chem. Dep., Univ. Leicester, Leicester, UK
SOURCE: Journal of the Chemical Society, Perkin Transactions 1: Organic and Bio-Organic Chemistry (1972-1999) (**1973**), (3), 221-5
CODEN: JCPRB4; ISSN: 0300-922X
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Oxidn. of pyrazolin-5-ones (I; R = H, Ph, or CH2Ph) in the presence of tetracyclone gave the corresponding adducts (II), which on heating lost CO2 and rearranged to the pyrazolo[1,5-a]pyridines (III).
IT **22889-10-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 22889-10-7 HCAPLUS
CN Pyrazolo[1,5-a]pyridine, hexaphenyl- (8CI, 9CI) (CA INDEX NAME)

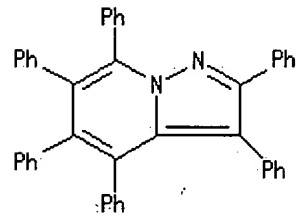


L7 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2003 ACS on STN

Full Text | Citing References

ACCESSION NUMBER: 1969:422062 HCAPLUS
DOCUMENT NUMBER: 71:22062
TITLE: A novel heterocyclic rearrangement. Extrusion of carbon dioxide from non-adjacent carbonyl groups
AUTHOR(S): Rees, Charles W.; Yelland, M.
CORPORATE SOURCE: Univ. Leicester, Leicester, UK

SOURCE: Journal of the Chemical Society [Section] D: Chemical Communications (1969), (8), 377-8
CODEN: CCJDAO; ISSN: 0577-6171
DOCUMENT TYPE: Journal
LANGUAGE: English
GI For diagram(s), see printed CA Issue.
AB Oxidn. of 4-substituted-3-phenyl-2-pyrazolin-5-ones with Pb(OAc)4 in CH2Cl2 contg. tetraphenylcyclopentadienone (I) gave good yields of the Diels-Alder adducts (II). Thermolyses of I at 210°/1 mm. 16 hrs. caused extrusion of CO2 and formation of 30-45% III. The proposed mechanism for this unusual rearrangement involved N-C bond fission (1st part of stepwise retro-Diels-Alder) to give a zwitterion, formation of a lactone produced by attack of the pyrazolone O at the cyclopentenone carbonyl group, and subsequent loss of CO2 with formation of III. The thermolyses also produced 35-40% I, the stable product of the normal retro-Diels-Alder reaction.
IT **22889-10-7P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of)
RN 22889-10-7 HCAPLUS
CN Pyrazolo[1,5-a]pyridine, hexaphenyl- (8CI, 9CI) (CA INDEX NAME)



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	27.19	179.95

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-3.26	-3.26

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FILE COVERS 1907-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

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L2           8 S L1
L3         186 S L1 FULL

     FILE 'HCAPLUS' ENTERED AT 13:53:16 ON 22 JUL 2003
L4           9 S L3
L5           3 S L4 AND PD < DECEMBER 1998
L6           2 S L4 AND CAMPBELL, I?/AU
L7           3 S L5 NOT L6

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=> s l3
L8           0 L3

=> log y
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FULL ESTIMATED COST                                     0.40     180.35

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -3.26

STN INTERNATIONAL LOGOFF AT 13:54:58 ON 22 JUL 2003
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